

## **FORM P series**

**Energy Efficiency Certificate** 



Daily Energy Consumption	80.8 kWh	45.8 kWh	-43%	
Machining (16h)	4.7 kW	2.34 kW	-50%	3,4,5
Ready (4h)	0.7 kW	1.8 kW*	_	2
Standby (4h)	0.7 kW	0.3 kW	-57%	1
Operating mode (24h cycle time)	FORM 300 Sp	FORM P 350	Energy saving %	Thanks to GF

All measurements were made in accordance with measurement standards as defined in ISO 14955

## 1 // Econowatt

Smart module enabling energy-saving standby mode and programmable fast reactivation ("wake up") option.

No energy is wasted during non-productive time and each morning the equipment is prepared and ready to carry out the requested tasks.

## 2 // Thermal stability

The use of pumps is needed for the regulation of the dielectrical temperature and the prevention of the deformation of the machine and electrode. Our new pumps enable producing parts with significant higher accuracy from the very start, without waiting for the machine to warm up.

3 // IPG – Higher electrical efficiency
The latest generation of GF Machining
Solutions' Intelligent Power Generators
(IPG) allows a digital and fast control of
each spark, therefore improving the
machine's electrical efficiency

## 4 // IPG - Reduced energy waste Thanks to its resonant switching mode, IPG contributes reducing the waste of energy.

5 // IPG - Reduced component wear IPG reduces wear on the electrodes during the whole product's lifecycle.

Equivalent to, over 1 year greenhouse gas and  ${\rm CO_2}$  emissions from



787,492 smartphones

smartphon charged



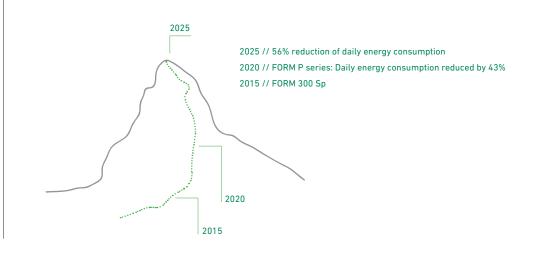
carbon sequestered by

107

tree seedlings grown for 10 years



26,184 kilometers driven by an average passenger car Source: www.epa.gov



<sup>\*</sup>Taking into account thermal stability